

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

BSW-1

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.  
PCT/NZ00/00127INTERNATIONAL FILING DATE  
17 July 2000PRIORITY DATE CLAIMED  
16 July 1999

TITLE OF INVENTION

PHOTO-LUMINESCENT PIGMENT APPLICATION

APPLICANT(S) FOR DO/EO/US

George Trevor DIMOND et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☒ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

22390 U.S. PTO  
10/7/34321

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO. <b>PCT/NZ00/00127</b>		ATTORNEY'S DOCKET NUMBER <b>BSW-1</b>	
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21 ☒ The following fees are submitted:

**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):**  
 Neither international preliminary examination fee (37 CFR 1.482)  
 nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  
 and International Search Report not prepared by the EPO or JPO ..... **\$1040.00**

International preliminary examination fee (37 CFR 1.482) not paid to  
 USPTO but International Search Report prepared by the EPO or JPO ..... **\$890.00**

International preliminary examination fee (37 CFR 1.482) not paid to USPTO  
 but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... **\$740.00**

International preliminary examination fee (37 CFR 1.482) paid to USPTO  
 but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... **\$710.00**

International preliminary examination fee (37 CFR 1.482) paid to USPTO  
 and all claims satisfied provisions of PCT Article 33(1)-(4) ..... **\$100.00**

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

Surcharge of **\$130.00** for furnishing the oath or declaration later than ☐ 20 ☐ 30  
 months from the earliest claimed priority date (37 CFR 1.492(e)).

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$
Total claims	29 - 20 =	9	x \$18.00	\$ 162.00
Independent claims	2 - 3 =	0	x \$84.00	\$ --00--
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	\$ --00--
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1202.00</b>

☒ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above  
 are reduced by 1/2. + \$ 601.00

**SUBTOTAL = \$ 601.00**

Processing fee of **\$130.00** for furnishing the English translation later than ☐ 20 ☐ 30  
 months from the earliest claimed priority date (37 CFR 1.492(f)). \$ --00--

**TOTAL NATIONAL FEE = \$ 601.00**

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
 accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). **\$40.00** per property + \$ --00--

**TOTAL FEES ENCLOSED = \$ 601.00**

	Amount to be refunded:	\$
	charged:	\$

**CALCULATIONS PTO USE ONLY**

a. ☒ A check in the amount of \$ 601.00 to cover the above fees is enclosed. Check No. 5832

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
 A duplicate copy of this sheet is enclosed.


c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
 overpayment to Deposit Account No. 501157. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card  
 information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

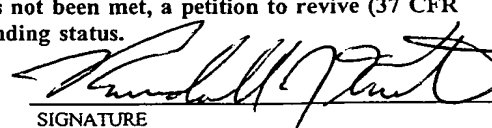
SEND ALL CORRESPONDENCE TO:  
 Customer No. **022855**



022855

PATENT TRADEMARK OFFICE

Telephone No. 260-485-6001 Facsimile No. 260-486-2794



SIGNATURE

**Randall J. Knuth**

NAME

**34,644**

REGISTRATION NUMBER

COPY COPY

Date: January 16, 2002

Commissioner of Patents and Trademarks  
Box: PCT  
Washington, DC 20231

Re: Application for United States Letters Patent

APPLICANT: George Trevor DIMOND et al.

TITLE OF INVENTION: PHOTO-LUMINESCENT PIGMENT APPLICATION

Sir:

Forwarded herewith is the above-identified application, consisting of the following:

PTO-1390 Transmittal

Substitute Specification (18 Sheets)

Abstract

Drawings (3 Sheets)

**Preliminary Amendment** including Replacement Claims and Marked-up Claims (12 Sheets)

Unexecuted Declaration

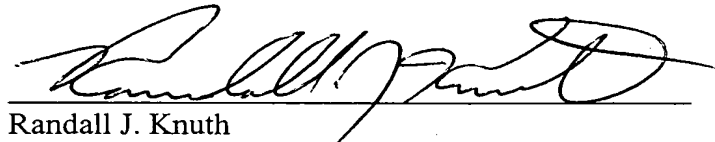
Applicant claims small entity status. See 37 CFR 1.27.

Information Disclosure Statement

Form PTO-1449

Cited Art References

Respectfully submitted,



Randall J. Knuth

Registration No. 34,644

RJK/jrw

Enclosures: As stated above.

Check No. 5832 (\$601)

Return Postcard

RANDALL J. KNUTH, P.C.  
510-A STELLHORN ROAD  
FORT WAYNE, IN 46815-4631  
TELEPHONE: 260-485-6001  
FACSIMILE: 260-486-2794

"EXPRESS MAIL" Mailing Number EL161759954US

Date of Deposit January 16, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, DC 20231

Randall J. Knuth, Registration No. 34,644

(Typed Name of Person Mailing Paper or Fee)



(Signature of Person Mailing Paper or Fee)

121203  
16152 U.S. PTO

Divisional Docket No. 1209.68785

Parent Docket No. 1209.68748

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: George Trevor DIMOND et al.  
Application No.: 10/031,182  
Filed: June 3, 2002  
For: PHOTO-LUMINESCENT PIGMENT APPLICATION  
Art Unit: 1762  
Examiner: PARKER, Frederick John

MAIL STOP PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

NOTIFICATION OF FILING OF DIVISIONAL APPLICATION

Notification is hereby being made of the filing of a:

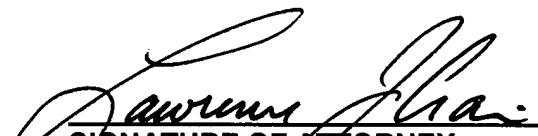
X divisional

application for this case

X concurrently herewith.

   on                       
Date

Reg No. 31,497

  
SIGNATURE OF ATTORNEY  
Lawrence J. Crain  
(type or print name of attorney)

Customer No.: 24978

Tel. No.: (312) 360-0080

GREER, BURNS & CRAIN, LTD.  
300 South Wacker Dr. Suite 2500  
(address)  
Chicago, IL 60606

CERTIFICATION UNDER 37 C.F.R. 1.8(a) and 1.10

I hereby certify that, on the date shown below, this correspondence is being:


X deposited with the United States Postal Service in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

37 C.F.R. 1.8a

37 C.F.R. 1.10

X as "Express Mail" Mailing Label No. EV 032698606 US.

December 12, 2003  
Date

  
Signature  
Daniel Canan  
(type or print name of person certifying)



Docket No. 1209.68785

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Prior application: 10/031,182

Examiner: PARKER, Frederick

Art Unit: 1762

REQUEST FOR FILING DIVISIONAL APPLICATION

MAIL STOP PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

Dear Sir:

This is a request for filing a

☒ (X) Divisional application,

under 37 CFR 1.53(b), of pending prior application Serial No. 10/031,182 filed on June 3, 2002 for:

PHOTO-LIMINESCENT PIGMENT APPLICATION

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CERTIFICATION UNDER 37 CFR 1.10

I certify that, on the date shown below, these documents are being deposited with the United States Postal Service in an envelope addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, as "Express Mail Post Office to Addressee" Mailing Label No. EV 032698606 US.

Date: December 12, 2003

Signature: 

1. (X) Enclosed is a copy of the prior application, including the oath or declaration as originally filed. The attached application papers are a true copy of prior application Serial No.: **10/031,182** as originally filed on **June 3, 2002**, which is a 35 U.S.C. § 371 date of documents submitted on **January 16, 2002**, and no amendments referred to in the oath or declaration as originally filed introduced new matter. This statement is made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

The copy of the papers of the prior application as filed are as follows:

- (X) 24 pages of specification including claims and abstract
- (X) 3 sheets(s) of drawings
- (X) 2 pages of declaration and power of attorney

2. ( ) Enclosed is a replacement specification reflecting previously submitted amendments and/or additional formal amendments. No new matter is added by the changes. A copy of the oath or declaration as originally filed is also included.

The new application includes:

- ( )      pages of specification including claims and abstract
- ( )      sheets(s) of drawing
- ( )      pages of declaration and power of attorney

3. (X) A statement (Declaration) claiming small entity status was filed in the prior application and small entity status for this application is proper and desired.
4. (X) Cancel in this application original claims **1-32** of the prior application before calculating the filing fee, and add proposed claims **33-42** as indicated in the enclosed Preliminary Amendment.
5. (X) The filing fee is calculated below:

CLAIMS AS FILED IN THE PRIOR APPLICATION, LESS ANY CLAIMS CANCELED BY AMENDMENT BELOW

a)	Basic Fee							\$ 770.00
b)	Independent Claims	<u>2</u>	-	<u>3</u>	=	<u>0</u>	x	\$ 86.00 = \$ .00
c)	Total Claims	<u>10</u>	-	<u>20</u>	=	<u>0</u>	x	\$ 18.00 = \$ .00
d)	Fee for Multiple Dependent Claims							\$290.00 = \$ 0.00
								Total Filing Fee \$ .00
								Small Entity Status Reducing Filing Fee By Half to \$ 385.00

6. (X) A check in the amount \$ 385.00 is enclosed.

7. (X) The Commissioner is hereby authorized to charge any additional fees which may be required for this application under 37 C.F.R. 1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.
8. ( ) A petition and fee for an extension of time has been filed in the pending prior application. A copy of the petition is attached.
9. (X) Amend the specification by inserting before the first line the sentence:  
--This is a ( ) continuation, (X) divisional, ( ) continuation-in-part, of Serial Application No. **10/031,182**, filed **June 3, 2002** filed as **application No. PCT/NZ00/00127** filed **July 17, 2000**--
10. (X) The prior application is assigned of record to: **ECOGLO LIMITED**. The assignment was recorded on **June 3, 2002** on Reel **012951**, Frame **0605**.
12. (X) The inventors of the invention of the parent application, serial number **10/031,182** are **George Trevor DIMOND and Paul Rodney SAPSFORD**.
13. (X) An information disclosure statement is submitted herewith.
14. (X) A preliminary amendment is enclosed herewith.
15. ( ) Please delete the name(s) of ^^^^ who is (are) not a (an) inventor(s) of the subject matter of the ( ) continuing ( ) divisional application.
16. (X) The power of attorney in the prior application is to:  
  
**Randall J. Knuth, Reg No. 34,644**  
RANDALL J. KNUTH, P.C.  
3510-A Stellhorn Road  
Fort Wayne, IN 46815-4631  
Telephone: 260-485-6001
- (X) The power appears in the original papers in the prior application.
- ( ) Since the power does not appear in the original papers, a copy of the power in the prior application is enclosed.
- (X) Revocation of Power of Attorney and Appointment of New Power of Attorney is enclosed.
- ( ) A copy of the Associate Power to ^^^^ is enclosed. The original Associate Power was filed in the parent application.

(X) Address all future communications to:

Lawrence J. Crain  
Greer, Burns & Crain, Ltd.  
300 South Wacker Drive - Suite 2500  
Chicago, Illinois 60606

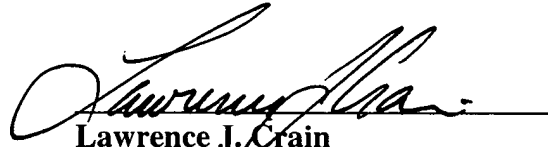
December 12, 2003

Greer, Burns & Crain, Ltd.  
300 South Wacker Drive - Suite 2500  
Chicago, Illinois 60606

Tel.: (312) 360-0080

Customer Number 24978

Continuation/Divisional Application, 4 pages, 16 paragraphs  
Revision September 26, 2000

  
Lawrence J. Crain  
Registration No. 31,497